## **CLAIMS**

1. An imaging system comprising:

means for transmitting a digital image;

an image base;

a sensor;

means for referencing positions on a dummy;

echographic display means;

means for recalculation of a three-dimensional image; and

means for receiving expert assessment results combining videoconference ability and the possibility of remote manipulation of two-dimensional images.

2. A workstation comprising means for acquisition of a three-dimensional image, means for processing said three-dimensional image in the system according to Claim 1, and means for linking multiple physical devices.

- The workstation for the acquisition and processing of a three-dimensional image according to Claim 2, comprising:
  - a central unit,
  - a display screen,
  - a high-definition digitalization card enabling acquisition of an echograph video signal,
  - a three-dimensional position sensor giving spatial positions of the echographic probe,

videoconference means integrating an electronic card and a two-way video input, a color camera, a microphone and a headset,

means for connecting to a communication network and an echograph, and means for temporarily storing data acquired from the echograph until transmitted to a selected recipient then exploited in the videoconference.

4. A workstation for implementation of the system according to Claim 1, adapted to receive a file for expert assessment, performance of a virtual echographic examination (display of sectional planes from a three-dimensional matrix), transmission of an electronic report and hosting a session of receiving expert assessment combining videoconference and remote manipulation of the three-dimensional matrix.

The workstation according to Claim 4, comprising a central unit, a screen, a three-dimensional position sensor giving spatial positions of a virtual echographic probe, a videoconference kit combining an electronic card and a two-way video input, a color camera, a microphone and a headset, a reproduction bank and a color ink-jet printer.

6. An imaging system comprising:

a digital image transmitter;

an image base;

a sensor;

means for referencing positions on a dummy;

an echographic display

means for recalculation of a three-dimensional image; and

means for receiving expert assessment results combining videoconference ability and the ability to remotely manipulate two-dimensional images.

7. A workstation comprising:

means for acquisition of a three-dimensional image;

means for processing said three-dimensional image in a system according to Claim

1; and

means for linking multiple physical devices.

- 8. The workstation according to Claim 2, which comprises:
- a central unit,
- a display screen connected to the central unit,
- a high-definition digitalization card enabling acquisition of an echograph video signal associated with the central unit,

a three-dimensional position sensor giving spatial positions of the echographic probe associated with the central unit,

videoconference means integrating an electronic card and a two-way video input, a color camera, a microphone and a headset,

means for connecting to a communication network and an echograph, and means for temporarily storing data acquired from the echograph until such data is transmitted to an expert present in a videoconference.

- 9. A workstation for implementation of a system according to Claim 1, adapted to receive a file for expert assessment, performance of a virtual echographic examination (display of sectional planes from a three-dimensional matrix), transmission of an electronic report and hosting a session of receiving expert assessment combining videoconference and remote manipulation of the three-dimensional matrix.
- 10. The workstation according to Claim 4, comprising a central unit, a screen, a three-dimensional position sensor giving spatial positions of a virtual echographic probe, a videoconference kit combining an electronic card and a two-way video input, a color camera, a microphone and a headset, a reproduction bank and a ink-jet printer.